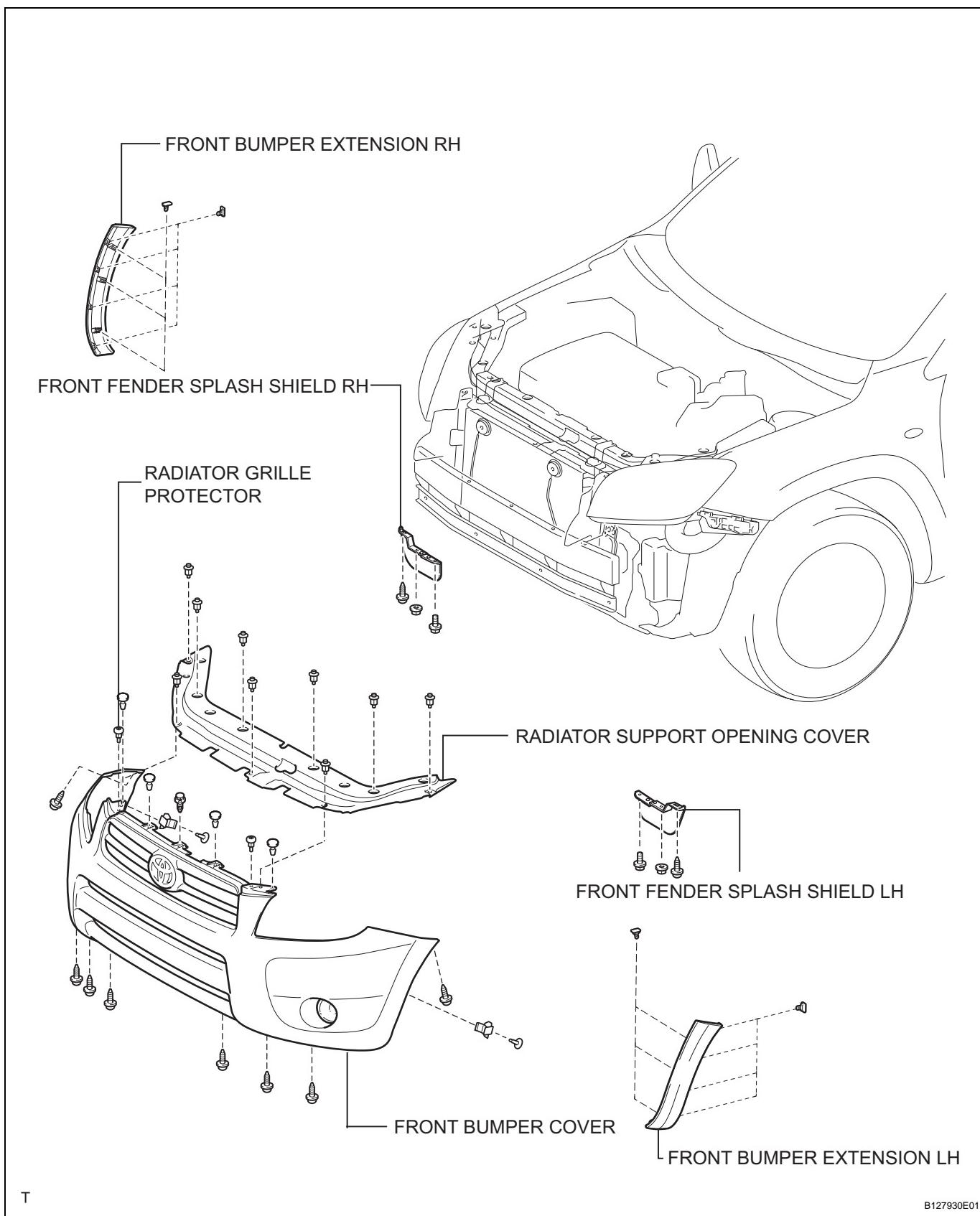
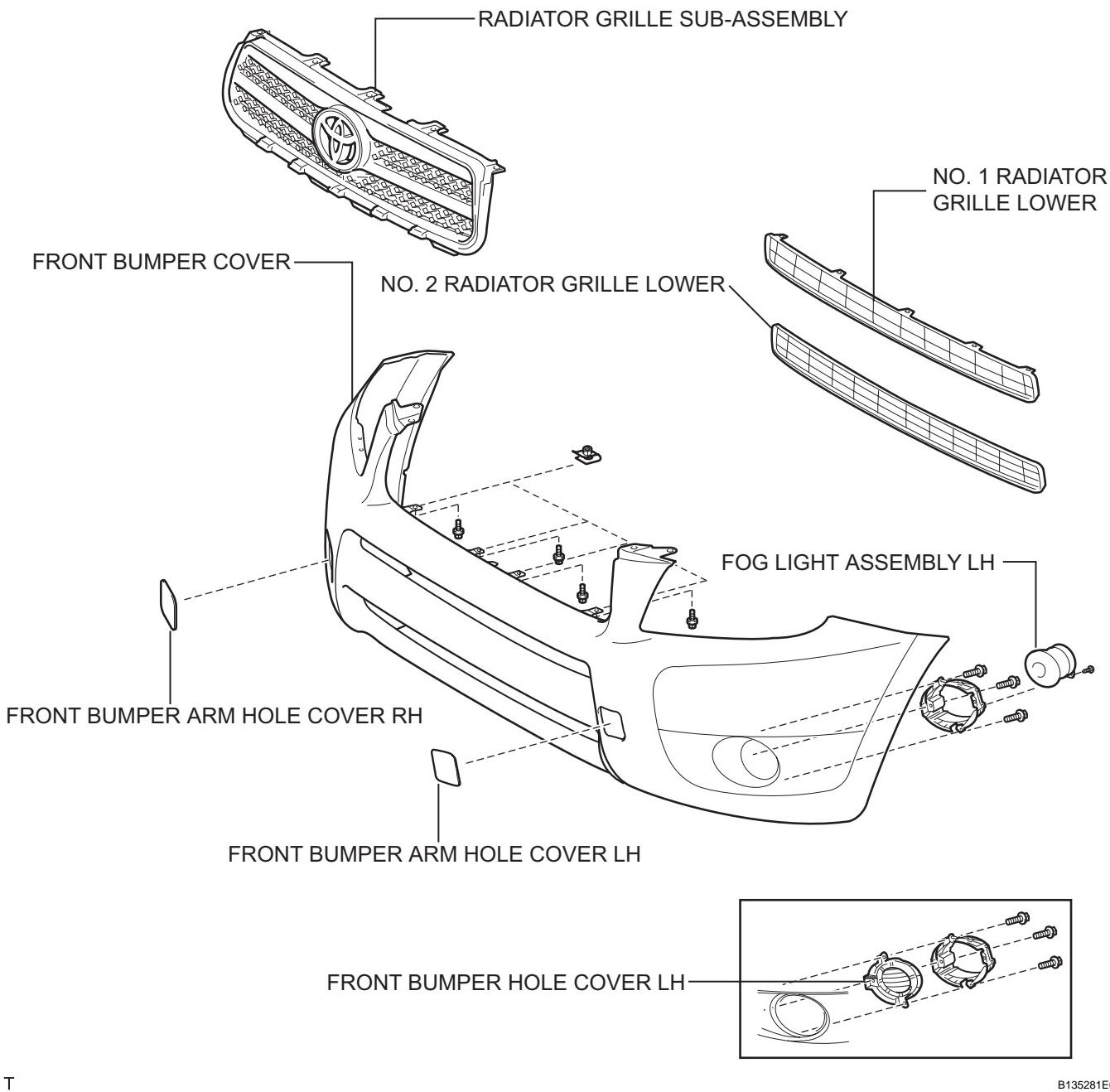


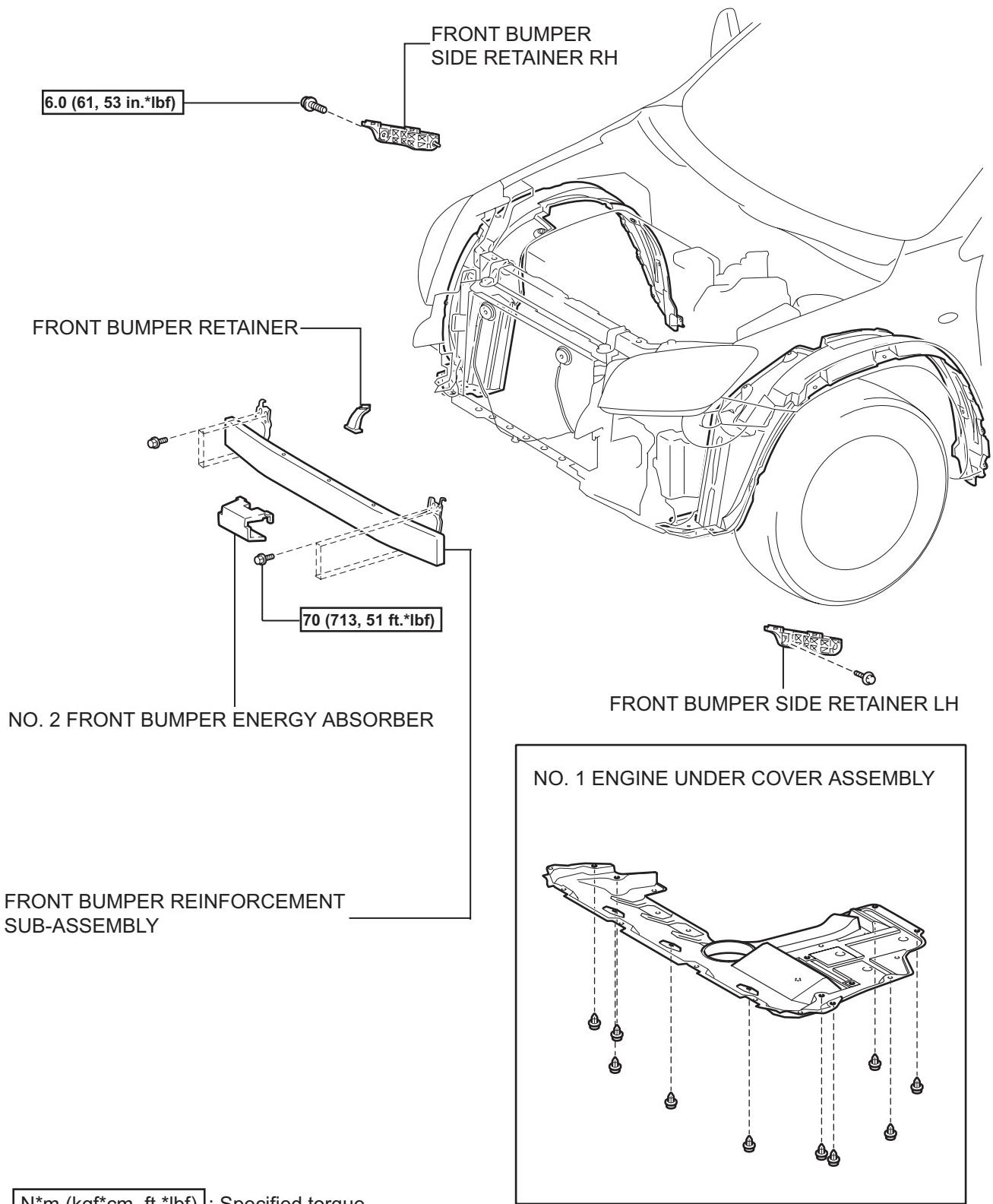
# FRONT BUMPER

## COMPONENTS





ET



N\*m (kgf\*cm, ft.\*lbf) : Specified torque

## REMOVAL

### 1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

#### CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

### 2. REMOVE FRONT FENDER LINER LH

(a) Using a screwdriver, remove the fender liner retainer.

(b) Remove the screw, nut and bolt.

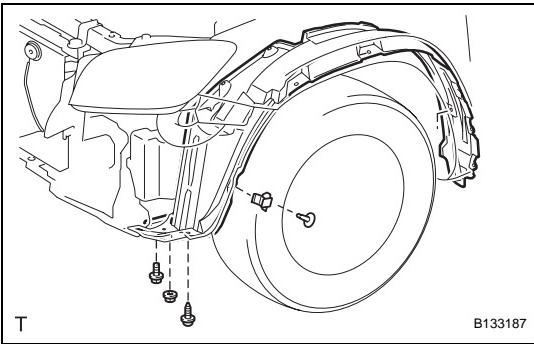
(c) w/ Splash Shield:

Remove the front fender splash shield LH.

(d) Partially remove the fender liner.

#### HINT:

It is not necessary to fully remove the fender liner. Partially remove it so that the bumper cover can be removed later.



### 3. REMOVE FRONT FENDER LINER RH

#### HINT:

Use the same procedures described for the LH side.

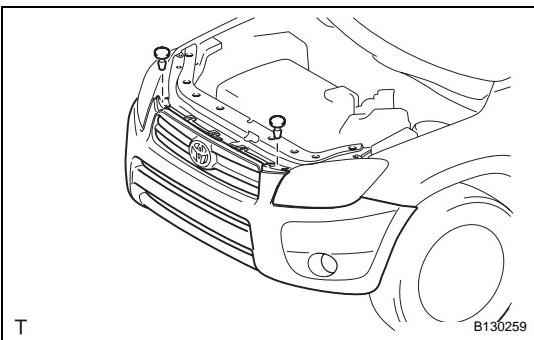
### 4. REMOVE RADIATOR SUPPORT OPENING COVER

(a) Remove the 2 clips.

(b) Partially remove the radiator support opening cover.

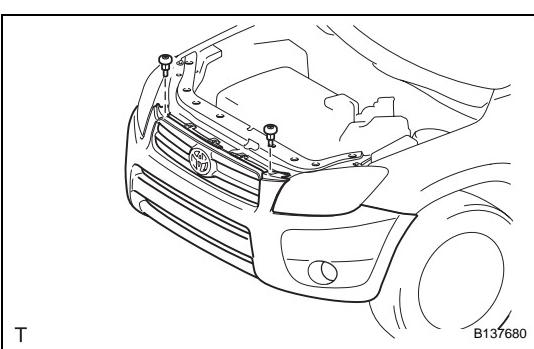
#### HINT:

It is not necessary to fully remove the radiator support opening cover. Partially remove it so that the bumper cover can be removed later.



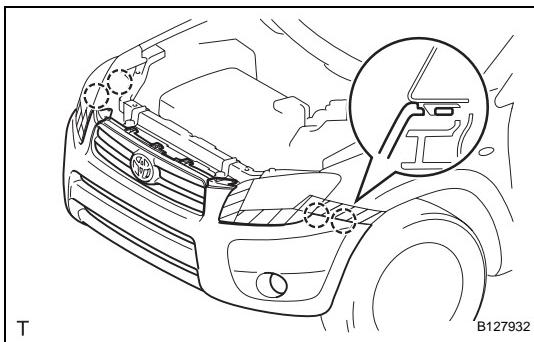
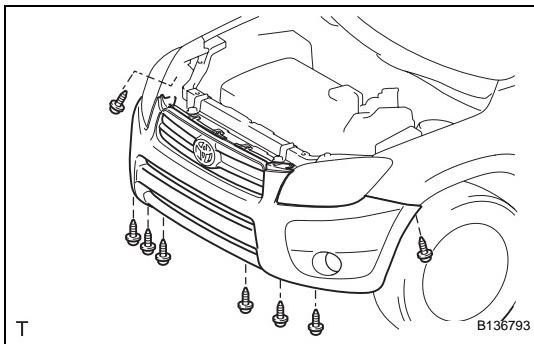
### 5. REMOVE RADIATOR GRILLE PROTECTOR

(a) Remove the 2 radiator grille protectors.



**6. REMOVE FRONT BUMPER COVER**

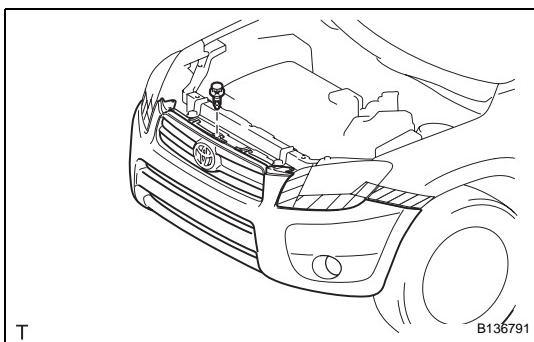
- (a) Remove the 8 screws.



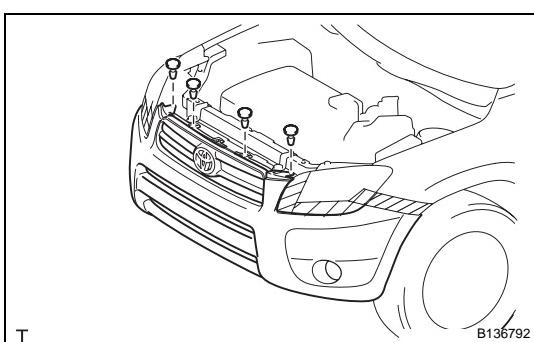
- (b) Apply protective tape under the front fender and headlight.

- (c) Using a screwdriver, detach the 4 claws.  
HINT:  
Tape the screwdriver tip before use.

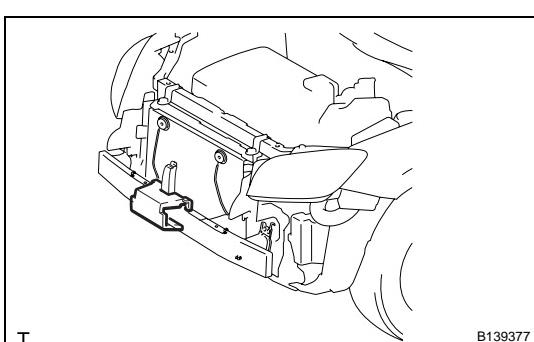
- (d) w/ Fog Light:  
Disconnect the 2 fog light connectors.



- (e) Using a clip remover, remove the hood cushion center.

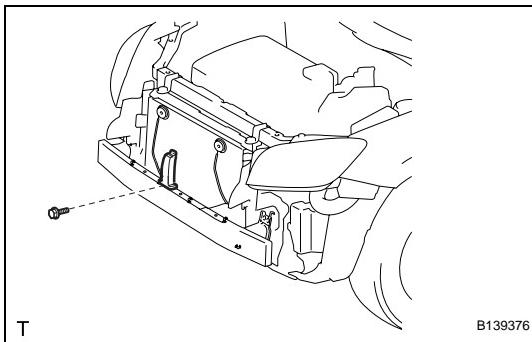


- (f) Using a clip remover, remove the 4 clips and remove the front bumper cover.

**7. REMOVE NO. 2 FRONT BUMPER ENERGY ABSORBER**

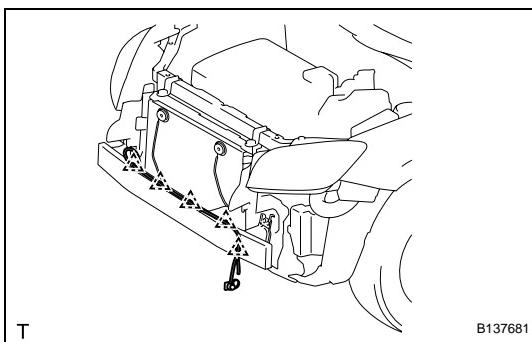
- (a) Remove the absorber.

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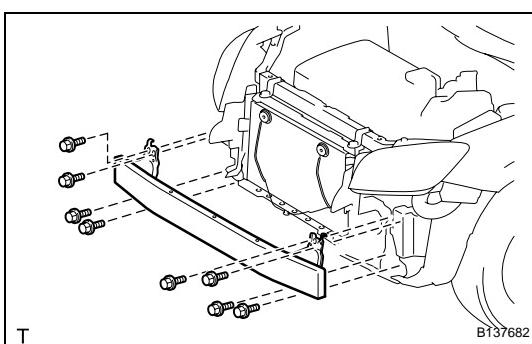
## 8. REMOVE FRONT BUMPER RETAINER

- (a) Remove the bolt and retainer.

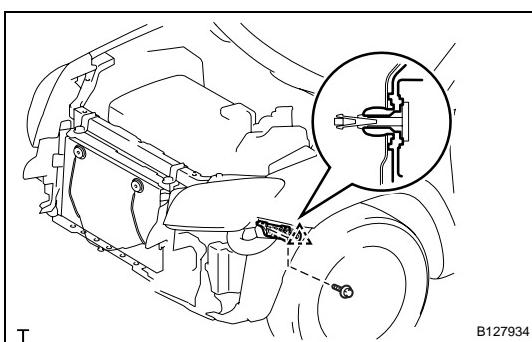


## 9. REMOVE FRONT BUMPER REINFORCEMENT SUB-ASSEMBLY

- (a) Detach 5 clamps and remove the wire harness.



- (b) Remove the 8 bolts and reinforcement.



## 10. REMOVE FRONT BUMPER SIDE RETAINER LH

- (a) Remove the bolt.
- (b) Using a screwdriver, detach the clip and remove the bumper side retainer.

HINT:

Tape the screwdriver tip before use.

## 11. REMOVE FRONT BUMPER SIDE RETAINER RH

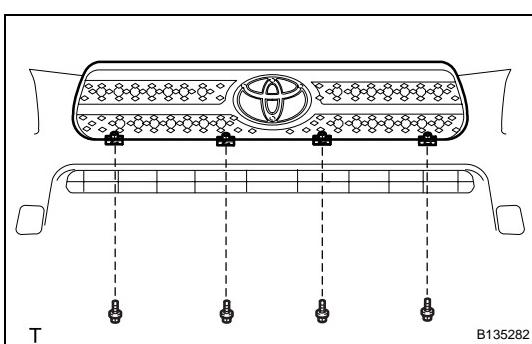
HINT:

Use the same procedures described for the LH side.

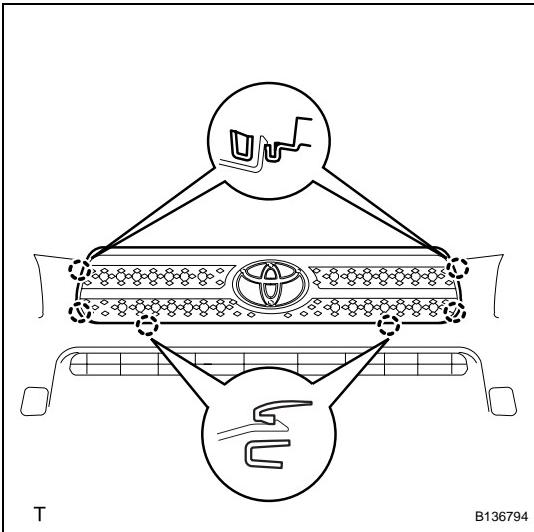
## DISASSEMBLY

### 1. REMOVE RADIATOR GRILLE SUB-ASSEMBLY

- (a) Remove the 4 bolts and 4 nuts.



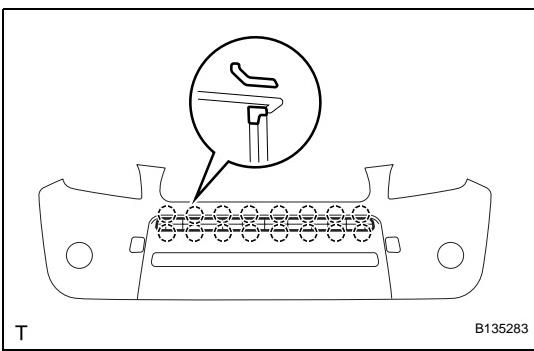
- (b) Detach the 6 claws and remove the radiator grille.



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**2. REMOVE NO. 1 RADIATOR GRILLE LOWER**

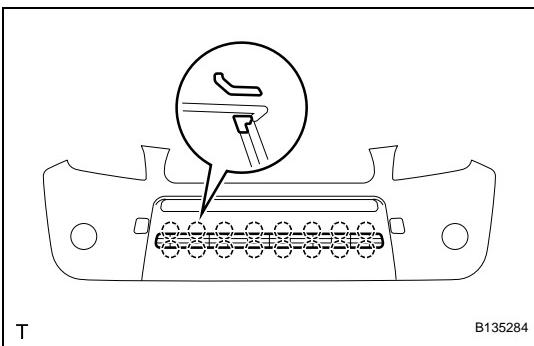
- (a) Detach the 18 claws and remove the radiator grille.



T B135283

**3. REMOVE NO. 2 RADIATOR GRILLE LOWER**

- (a) Detach the 16 claws and remove the radiator grille.



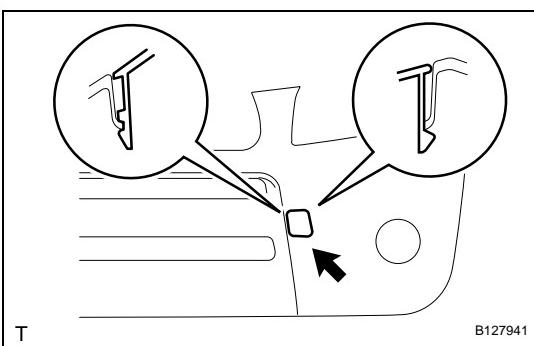
T B135284

**4. REMOVE FRONT BUMPER ARM HOLE COVER LH**

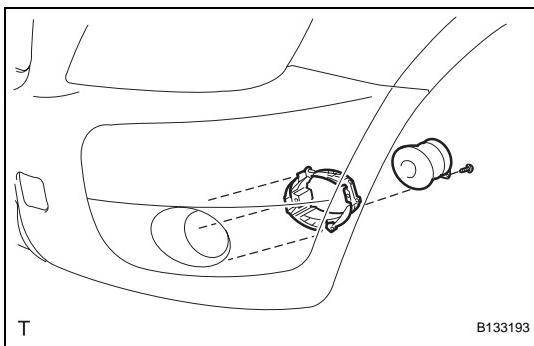
- (a) Detach the 2 claws and disconnect the arm hole cover.  
(b) Remove the hook and bumper arm hole cover.

**5. REMOVE FRONT BUMPER ARM HOLE COVER RH**

- (a) Use the same procedures described for the LH side.



T B127941



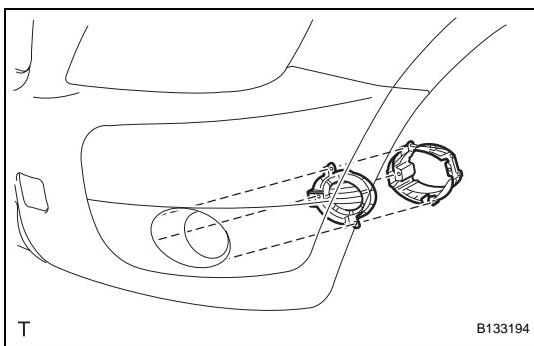
## 6. REMOVE FOG LIGHT ASSEMBLY LH

- Remove the screw and fog light.
- Remove the 3 bolts and fog light mounting bracket.

## 7. REMOVE FOG LIGHT ASSEMBLY RH

HINT:

Use the same procedures described for the LH side.



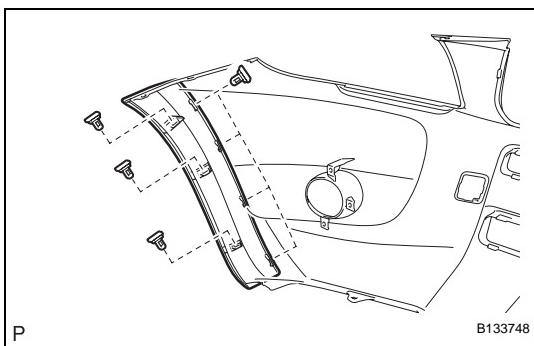
## 8. REMOVE FRONT BUMPER HOLE COVER LH (w/o Fog Light)

- Remove the 3 bolts, bumper hole cover and fog light mounting bracket.

## 9. REMOVE FRONT BUMPER HOLE COVER RH (w/o Fog Light)

HINT:

Use the same procedures described for the LH side.



## 10. REMOVE FRONT BUMPER EXTENSION LH (for Wide Body)

- Detach the 7 outside moulding retainers and remove the extension LH.

### NOTICE:

- If reusing the extension, take care not to damage the extension.
- Be careful not to damage the vehicle body.

## 11. REMOVE FRONT BUMPER EXTENSION RH (for Wide Body)

HINT:

Use the same procedures described for the LH side.

## REASSEMBLY

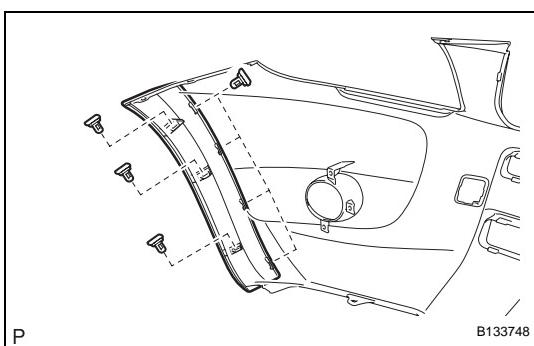
### 1. INSTALL FRONT BUMPER EXTENSION LH (for Wide Body)

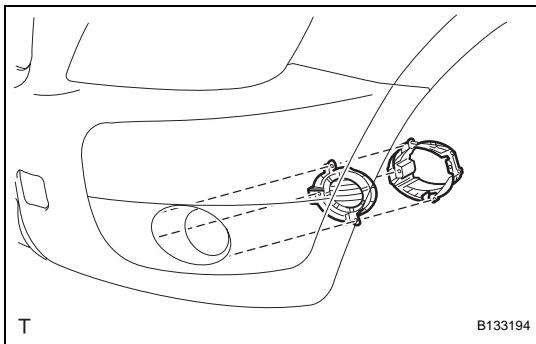
- Attach the 7 outside moulding retainers to install the extension.

### 2. INSTALL FRONT BUMPER EXTENSION RH (for Wide Body)

HINT:

Use the same procedures described for the LH side.



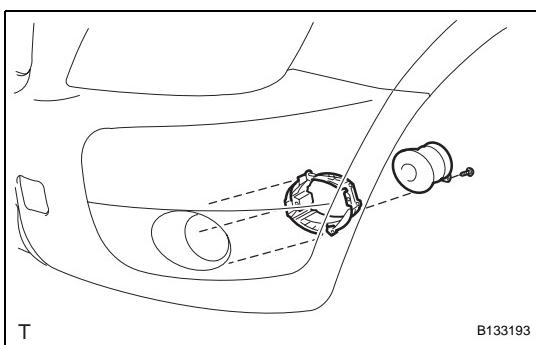


- 3. INSTALL FRONT BUMPER HOLE COVER LH (w/o Fog Light)**
- (a) Install the bumper hole cover with the fog light mounting bracket and 3 bolts.

- 4. INSTALL FRONT BUMPER HOLE COVER RH (w/o Fog Light)**

HINT:

Use the same procedures described for the LH side.

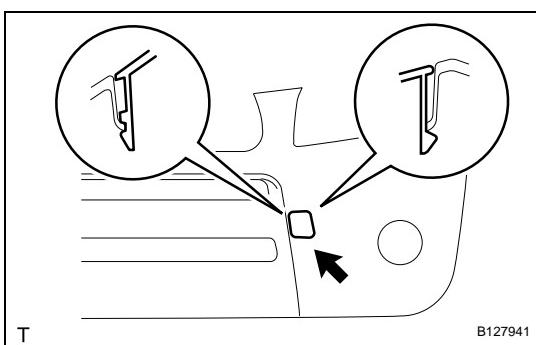


- 5. INSTALL FOG LIGHT ASSEMBLY LH**
- (a) Install the fog light mounting bracket with the 3 bolts.

- 6. INSTALL FOG LIGHT ASSEMBLY RH**

HINT:

Use the same procedures described for the LH side.



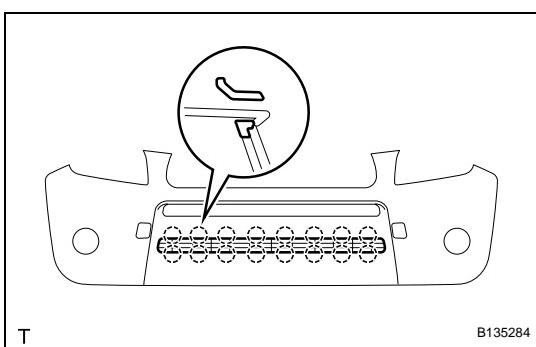
- 7. INSTALL FRONT BUMPER ARM HOLE COVER LH**
- (a) Install the hook.

(b) Attach the 2 claws and install the hole cover.

- 8. INSTALL FRONT BUMPER ARM HOLE COVER RH**

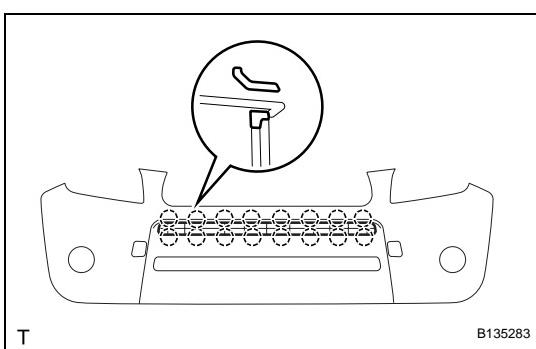
HINT:

Use the same procedures described for the LH side.



- 9. INSTALL NO. 2 RADIATOR GRILLE LOWER**

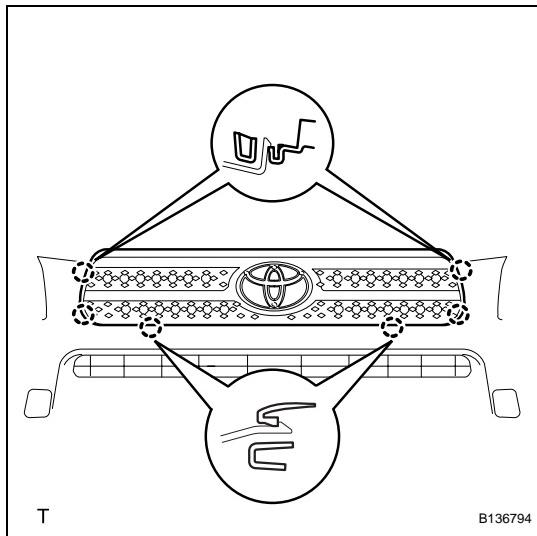
- (a) Install the radiator grille and attach the 16 claws.



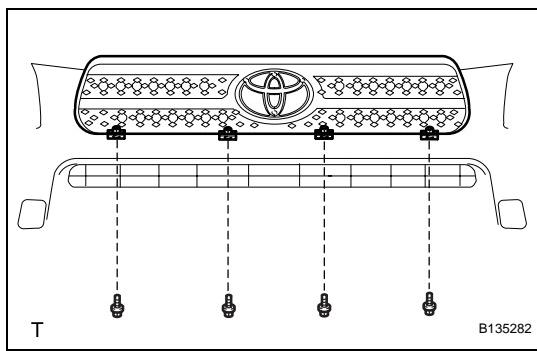
- 10. INSTALL NO. 1 RADIATOR GRILLE LOWER**

- (a) Install the radiator grille and attach the 18 claws.

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**11. INSTALL RADIATOR GRILLE SUB-ASSEMBLY**

- (a) Install the radiator grille with the 6 claws.



- (b) Install the 4 bolts and 4 nuts.

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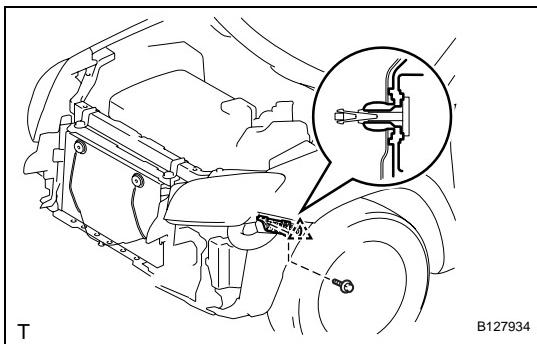
## INSTALLATION

### 1. INSTALL FRONT BUMPER SIDE RETAINER LH

(a) Install the clip and bumper side retainer.

(b) Install the bolt.

**Torque: 6.0 N\*m (61 kgf\*cm, 53 in.\*lbf)**

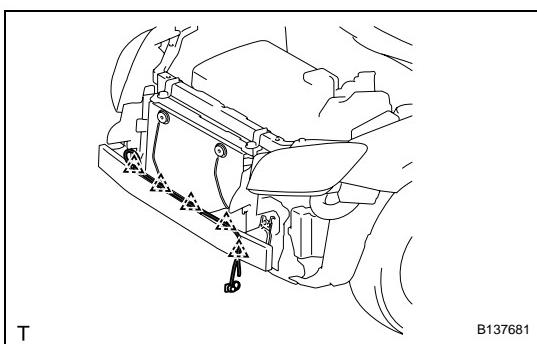
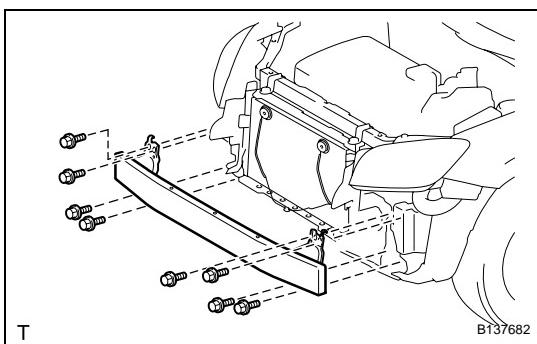


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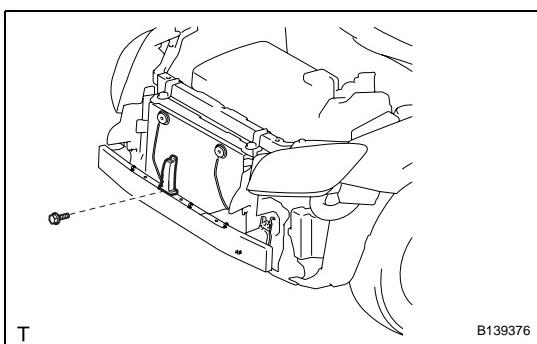
### 2. INSTALL FRONT BUMPER SIDE RETAINER RH

HINT:

Use the same procedures described for the LH side.

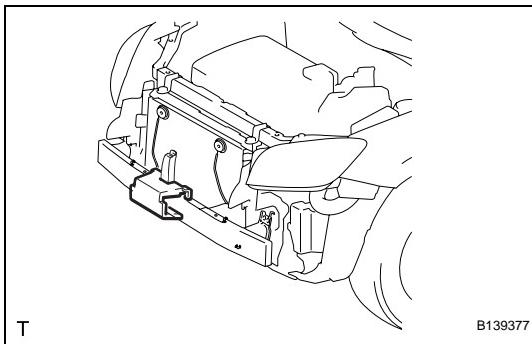


(b) Install the wire harness and attach the 5 claws.



### 4. INSTALL FRONT BUMPER RETAINER

(a) Install the bolt with the retainer.

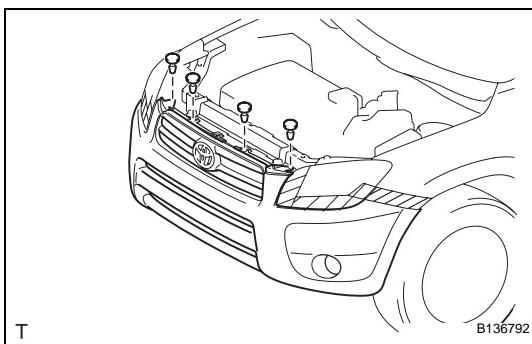


**5. INSTALL NO. 2 FRONT BUMPER ENERGY ABSORBER**

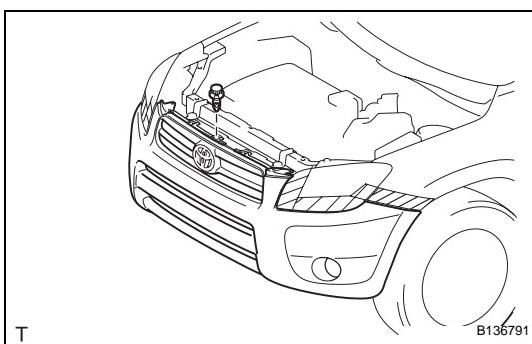
- (a) Install the absorber.

**6. INSTALL FRONT BUMPER COVER**

- (a) Put protective tape under the front fender and headlight.

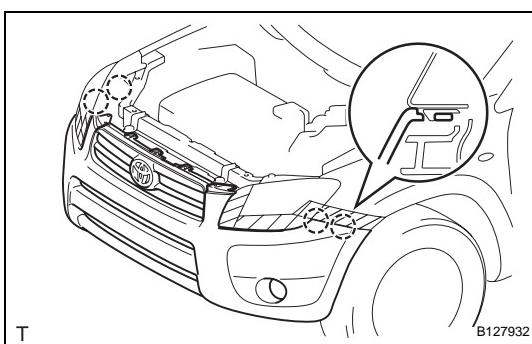


- (b) Install the 4 clips.

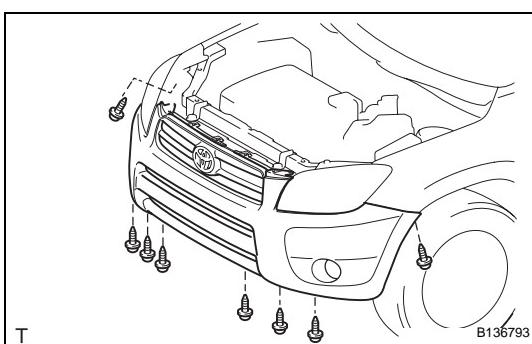


- (c) Install the hood cushion center.

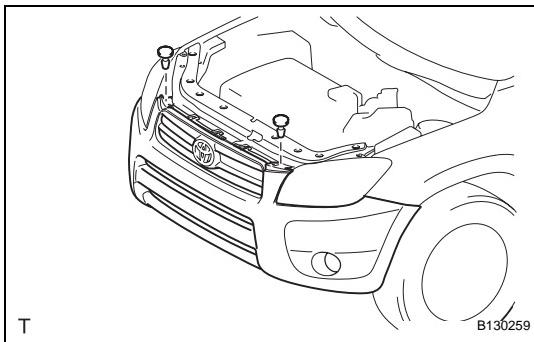
- (d) w/ Fog Light:  
Connect the 2 fog light connectors.



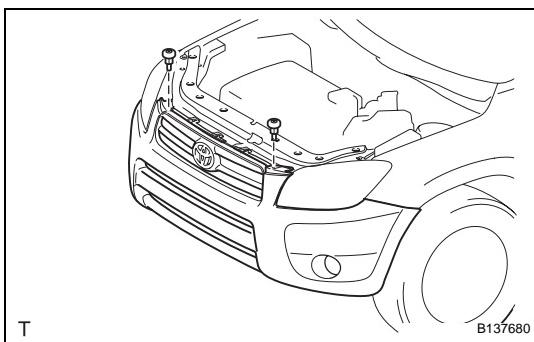
- (e) Attach the 4 claws to install the bumper cover.



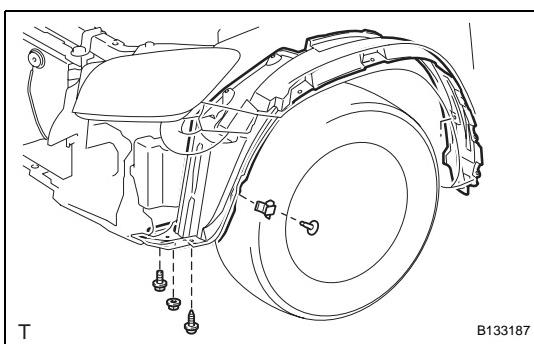
- (f) Install the 8 screws.



- 7. INSTALL RADIATOR SUPPORT OPENING COVER**  
(a) Install the 2 clips.



- 8. INSTALL RADIATOR GRILLE PROTECTOR**  
(a) Install the 2 radiator grille protectors.



- 9. INSTALL FRONT FENDER LINER LH**  
(a) Install the fender liner with the fender liner retainer.  
(b) w/ Splash Shield:  
    Install the front fender splash shield LH.  
(c) Install the screw, nut and bolt.
- 10. INSTALL FRONT FENDER LINER RH**  
**HINT:**  
    Use the same procedures described for the LH side.
- 11. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

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